



GOVERNMENT OF WEST BENGAL

BARASAT GOVERNMENT COLLEGE



NAAC ACCREDITED 'A' GRADE, DST-FIST SPONSORED COLLEGE

10, K.N.C. Road, Barasat, Kolkata - 700124, West Bengal, India

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NOTICE

Date-03.10.2022

Subject: Add-On Course on "Recent Developments in Mathematical Computing"

The Department of Mathematics at Barasat Govt. College is thrilled to announce an Add-On Course on "Recent Developments in Mathematical Computing" for students with a mathematical background. This course is designed to explore various software tools used for solving mathematical problems and to delve into the latest developments in mathematical computing. The course is of duration 32 hours and each candidate will be offered a certificate after the successful completion of the Course.

Schedule:

- Dates: 11.10.2022, 12.10.2022, 14.10.2022, 15.10.2022, 17.10.2022, and 18.10.2022

The course will cover advanced techniques and applications in mathematical computing, offering participants a comprehensive understanding of cutting-edge methods in the field.

Interested students are encouraged to join this enriching experience. Please note that registration is mandatory, and interested participants must contact the Head of the Department of Mathematics by the 7th of October, 2022.

For further details and registration, please contact: mathematics@bgc.ac.in

Seize this opportunity to enhance your mathematical computing skills and stay updated with the latest advancements in the field!

Dr. Samar Chattopadhyay

Principal, Barasat Govt. College

Principal
Barasat Govt. College
Govt. of West Bengal



Dr. Nisith Chandra Das

H.O.D

Dept. of Mathematics

Associate Professor & Head
Department of Mathematics
Barasat Govt College

Barasat Government College

Department of Mathematics

Add-on Course

For academic year 2021-2022

Recent Development in Mathematical Computing

(for the SEM-I and SEM-III students)

Course Code: BGCMTMVAC001/22

Course Duration: 32 Hours

UNIT I (11.10.2022)

Online Available Resources for graph Plotting of a function and its derivatives: 6 Hours

UNIT II(12.10.2022)

Application of Wolfram Alpha and Desmos Graphing Calculator in Plotting : 6 Hours

UNIT III (14.10.2022)

Application of Integral calculator for the convergence test of Improper Integral: 6 Hours

UNIT IV (15.10.2022)

Application of AtoZ Math to Linear Programming Problems: 6 Hours

UNIT V (17.10.2022)

Use of MAT LAB Software to find solutions of Problems: 6 Hours

UNIT VI (18.10.2022)

Use of MAT LAB Software to find solutions of Problems 6 Hours 2 Hours

Resource Person:

- 1) Dr. Nisith Chandra Das, Associate Professor, Dept. of Mathematics, B.G.C
- 2) Dr. Jayanta Biswas, Associate Professor, Dept. of Mathematics, B.G.C
- 3) Dr. Indranath Bhattacharyya, Associate Professor, Dept. of Mathematics, B.G.C
- 4) Dr. Prasanta Paul, Assistant Professor, Dept. of Mathematics, B.G.C
- 5) Dr. Shobhan Mandal, Assistant Professor, Dept. of Mathematics, B.G.C

Course Outcomes:

After successful completion of the add on course all the participants are in the position

1. To nurture the fundamental Mathematical skills for drawing any critical function and can see the insight.

2. To understand the convergence or divergence of any sequence or series.

3. To face variety of problems whose analytical solutions is very difficult to find.

Course Coordinator

Associate Professor (W.B.E.S.)
Department of Mathematics
Barasat Govt. College

Head, Dept. of Mathematics

Associate Professor & Head
Department of Mathematics
Barasat Govt College